

TRAITE DE COOPERATION EN MATIERE DE BREVETS

PCT

NOTIFICATION CONCERNANT LA
TRANSMISSION DE DOCUMENTS

Expéditeur: le BUREAU INTERNATIONAL

Destinataire:

United States Patent and Trademark
Office
(Box PCT)
Crystal Plaza 2
Washington, DC 20231
ETATS-UNIS D'AMERIQUE

en sa qualité d'office élu

Date d'expédition (jour/mois/année)

18 juillet 1997 (18.07.97)

Demande internationale no

PCT/FR95/01338

Date du dépôt international

12 octobre 1995 (12.10.95)

Déposant

NATHAN, Guy etc

Le Bureau international transmet ci-joint le nombre de copies indiqué ci-après des documents suivants:

_____ copie de la traduction en langue anglaise du rapport d'examen préliminaire international (article 36.3)a))

RECEVÉ

MAY 26 1998

GRC

Bureau international de l'OMPI
34, chemin des Colombettes
1211 Genève 20, Suisse

no de télécopieur: (41-22) 740.14.35

Fonctionnaire autorisé

Jean-Marie McAdams

no de téléphone: (41-22) 338.83.38

TRAITE DE COOPERATION EN MATIERE DE BREVETS

PCT

NOTIFICATION D'ELECTION

(règle 61.2 du PCT)

Expéditeur: le BUREAU INTERNATIONAL

Destinataire:

United States Patent and Trademark
Office
(Box PCT)
Washington D.C. 20231
United States of America

en sa qualité d'office élu

Date d'expédition (jour/mois/année) 29 mai 1996 (29.05.96)	
Demande internationale no PCT/FR95/01338	Référence du dossier du déposant ou du mandataire TT07/PCT
Date du dépôt international (jour/mois/année) 12 octobre 1995 (12.10.95)	Date de priorité (jour/mois/année) 12 octobre 1994 (12.10.94)
Déposant NATHAN, Guy etc	

1. L'office désigné est avisé de son élection qui a été faite:

☒ dans la demande d'examen préliminaire international présentée à l'administration chargée de l'examen préliminaire international le:

10 mai 1996 (10.05.96)

☐ dans une déclaration visant une élection ultérieure déposée auprès du Bureau international le:

2. L'élection ☒ a été faite

☐ n'a pas été faite

avant l'expiration d'un délai de 19 mois à compter de la date de priorité ou, lorsque la règle 32 s'applique, dans le délai visé à la règle 32.2b).

Bureau international de l'OMPI
34, chemin des Colombettes
1211 Genève 20, Suisse

no de télécopieur: (41-22) 740.14.35

Fonctionnaire autorisé

F. Gateau

no de téléphone: (41-22) 730.91.11

TRANSLATION
PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference TT07/PCT	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/FR 95/01338	International filing date (day/month/year) 12/10/1995	Priority date (day/month/year) 12/10/1994
International Patent Classification (IPC) or national classification and IPC G07F17/30		
Applicant NATHAN, Guy et al.		

<p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>4</u> sheets, including this cover sheet.</p> <p><input type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of _____ sheets.</p>	<p>RECEIVED</p> <p>MAY 26 1998</p> <p>GROUP 3200</p>																								
<p>3. This report contains indications relating to the following items:</p> <table style="width: 100%;"><tr><td style="width: 5%;">I</td><td style="width: 5%;"><input checked="" type="checkbox"/></td><td>Basis of the report</td></tr><tr><td>II</td><td><input type="checkbox"/></td><td>Priority</td></tr><tr><td>III</td><td><input type="checkbox"/></td><td>Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td></tr><tr><td>IV</td><td><input type="checkbox"/></td><td>Lack of unity of the invention</td></tr><tr><td>V</td><td><input checked="" type="checkbox"/></td><td>Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability: citations and explanations supporting such statement</td></tr><tr><td>VI</td><td><input type="checkbox"/></td><td>Certain documents cited</td></tr><tr><td>VII</td><td><input type="checkbox"/></td><td>Certain defects in the international application</td></tr><tr><td>VIII</td><td><input type="checkbox"/></td><td>Certain observations on the international application</td></tr></table>		I	<input checked="" type="checkbox"/>	Basis of the report	II	<input type="checkbox"/>	Priority	III	<input type="checkbox"/>	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability	IV	<input type="checkbox"/>	Lack of unity of the invention	V	<input checked="" type="checkbox"/>	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability: citations and explanations supporting such statement	VI	<input type="checkbox"/>	Certain documents cited	VII	<input type="checkbox"/>	Certain defects in the international application	VIII	<input type="checkbox"/>	Certain observations on the international application
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VI	<input type="checkbox"/>	Certain documents cited																							
VII	<input type="checkbox"/>	Certain defects in the international application																							
VIII	<input type="checkbox"/>	Certain observations on the international application																							

Date of submission of the demand 10/05/1996	Date of completion of this report 16.01.97
Name and mailing address of the IPEA/ EP	Authorized officer
Facsimile No.	Telephone No.

PCT/FR95/1338

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/FR 95/01338

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**1. Statement**

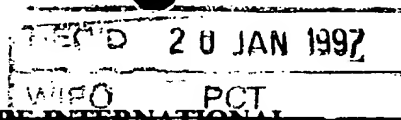
Novelty (N)	Claims	1-10	YES
	Claims		NO
Inventive step (IS)	Claims	1-10	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-10	YES
	Claims		NO

2. Citations and explanations

None of the cited documents mentions interactive selection means or billing means. Although the latter feature seems obvious in terms of inventive step, this is not the case for the first feature. The subject matter of claim 1 is thus novel and involves an inventive step. The same applies to the subject matter of claims 2-10.

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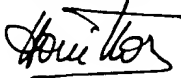


RAPPORT D'EXAMEN PRELIMINAIRE INTERNATIONAL

(article 36 et règle 70 du PCT)

Référence du dossier du déposant ou du mandataire TT07/PCT	POUR SUITE A DONNER Voir la notification de transmission du rapport d'examen préliminaire international (formulaire PCT/IPEA/416)	
Demande internationale n° PCT/FR 95/ 01338	Date du dépôt international (Jour/mois/année) 12/10/1995	Date de priorité (Jour/mois/année) 12/10/1994
Classification internationale des brevets (CIB) ou classification nationale et CIB G07F17/30		
Déposant NATHAN, Guy et al.		

<p>1. Le présent rapport d'examen préliminaire international, établi par l'administration chargée de l'examen préliminaire international, est transmis au déposant conformément à l'article 36.</p> <p>2. Ce RAPPORT comprend <u>4</u> feuilles, y comprise la présente feuille de couverture.</p> <p><input type="checkbox"/> Il est accompagné d'ANNEXES, c'est-à-dire de feuilles de la description, des revendications ou des dessins qui ont été modifiées et qui servent de base au présent rapport ou de feuilles contenant des rectifications faites auprès de l'administration chargée de l'examen préliminaire international (voir la règle 70.16 et l'instruction 607 des Instructions administratives du PCT).</p> <p>Ces annexes comprennent _____ feuilles.</p>
<p>3. Le présent rapport contient des indications et les pages correspondantes relatives aux points suivants:</p> <p>I <input checked="" type="checkbox"/> Base du rapport</p> <p>II <input type="checkbox"/> Priorité</p> <p>III <input type="checkbox"/> Absence de formulation d'opinion quant à la nouveauté, l'activité inventive et la possibilité d'application industrielle</p> <p>IV <input type="checkbox"/> Absence d'unité de l'invention</p> <p>V <input checked="" type="checkbox"/> Déclaration motivée selon l'article 35(2) quant à la nouveauté, l'activité inventive et la possibilité d'application industrielle; citations et explications à l'appui de cette déclaration</p> <p>VI <input type="checkbox"/> Certains documents cités</p> <p>VII <input type="checkbox"/> Irrégularités dans la demande internationale</p> <p>VIII <input type="checkbox"/> Observations relatives à la demande internationale</p>

Date de présentation de la demande d'examen préliminaire international 10/05/1996	Date d'achèvement du présent rapport 16. 01. 97
Nom et adresse postale de l'administration chargée de l'examen préliminaire international  Office Européen des Brevets D-80298 Munich Tel. (+ 49-89) 2399-0, Tx: 523656 epmu d Fax: (+ 49-89) 2399-4465	Fonctionnaire autorisé  J.-C. Houillon N° de Téléphone (- 49 89) 2399 - 2640

RAPPORT D'EXAMEN PRELIMINAIRE INTERNATIONAL

Demande internationale n°
PCT/FR95/01338

I. Base du rapport

1. Le présent rapport a été rédigé sur la base des éléments ci-après (Les feuilles de remplacement qui ont été remises à l'office récepteur en réponse à une invitation faite conformément à l'article 14 sont considérées dans le présent rapport comme "initialement déposées" et ne sont pas jointes en annexe au rapport puisqu'elles ne contiennent pas de modifications.):

☒ de la demande internationale telle qu'initialement déposée.

☐ de la description, pages _____, telles qu'initialement déposées,
pages _____, déposées avec la demande d'examen
préliminaire international,
pages _____, déposées sous couvert d'une lettre
du _____,
pages _____, déposées sous couvert d'une lettre
du _____,

☐ des revendications, nos. _____, telles qu'initialement déposées,
nos. _____, telles que modifiées en vertu de
l'article 19,
nos. _____, déposées avec la demande d'examen
préliminaire international,
nos. _____, déposées sous couvert d'une lettre
du _____,
nos. _____, déposées sous couvert d'une lettre
du _____,

☐ des dessins, feuilles/fig _____, telles qu'initialement déposées,
feuilles/fig _____, déposées avec la demande d'examen
préliminaire international,
feuilles/fig _____, déposées sous couvert d'une lettre
du _____,
feuilles/fig _____, déposées sous couvert d'une lettre
du _____,

2. Les modifications ont entraîné l'annulation

☐ de la description, pages _____.

V. Déclaration motivée selon l'article 35.2) quant à la nouveauté, l'activité inventive et la possibilité d'application industrielle; citations et explications à l'appui de cette déclaration

1. DECLARATION

Nouveauté	Revendications 1-10	OUI
	Revendications	NON
Activité inventive	Revendications 1-10	OUI
	Revendications	NON
Possibilité d'application industrielle	Revendications 1-10	OUI
	Revendications	NON

2. CITATIONS ET EXPLICATIONS

Aucun des documents cités ne mentionne de moyens interactifs de sélection ou de moyens de facturation. Quoique cette dernière caractéristique semble, du point de vue activité inventive, couler de source, ce n'est pas le cas de la première caractéristique. L'objet de la revendication 1 est donc nouveau et implique de l'activité inventive. Il en est de même pour l'objet des revendications 2-10.

RAPPORT D'EXAMEN PRELIMINAIRE INTERNATIONAL

Requête internationale n°

PCT/FR95/01338

☐ des revendications, nos. _____.

☐ des dessins, feuilles/fig. _____.

3. ☐ Le présent rapport a été formulé abstraction faite (de certaines) des modifications, qui ont été considérées comme allant au-delà de l'exposé de l'invention tel qu'il a été déposé (règle 70.2.c)).

4. Observations complémentaires, le cas échéant:

INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR 95/01334

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 G07F17/30 G11B27/00

871-32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 6 G07F G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO,A,93 18465 (ARACHNID) 16 September 1993 cited in the application see abstract; claims 1-15; figures 1-4B see page 10, line 12 - page 12, line 7 ---	1,4
A	US,A,5 166 886 (C.E. MOLNAR) 24 November 1992 see abstract; claims 1-22; figures 1-3 see column 2, line 61 - column 10, line 43 ---	1-4
A	DE,A,38 20 835 (U. BLUM-BURKHARDT) 12 January 1989 see the whole document -----	1-4

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

16 February 1996

Date of mailing of the international search report

26. 02 96

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+ 31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+ 31-70) 340-3016

Authorized officer

David, J

INTERNATIONAL SEARCH REPORT

information on patent family members

International Application No

PCI/FR 95/01334

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO-A-9318465	16-09-93	US-A- 5355302 CA-A- 2131375 EP-A- 0630501 JP-T- 7504517	11-10-94 16-09-93 28-12-94 18-05-95
US-A-5166886	24-11-92	NONE	
DE-A-3820835	12-01-89	NONE	

INTERNATIONAL SEARCH REPORT

International Application No

PC 1/FR 95/01338

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 G07F17/30 G11B27/00

871-36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 G07F G11B H04H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO,A,90 07843 (R. LANG) 12 July 1990 see abstract; claims 1-85; figures 1-5 ---	1,5,10
A	EP,A,0 082 077 (J. GREMILLET) 22 June 1983 see abstract; claims 1-9; figure 1 ---	1,2,5,10
A	DE,A,38 20 835 (U. BLUM-BURKHARDT) 12 January 1989 -----	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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Fax (+ 31-70) 340-3016

Authorized officer

David, J

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/FR 95/01338

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO-A-9007843	12-07-90	US-A- 4963995	16-10-90
		US-A- 5057932	15-10-91
		AU-B- 662183	24-08-95
		AU-B- 2978592	11-02-93
		AU-B- 627841	03-09-92
		AU-B- 5039990	01-08-90
		CA-A- 2006715	27-06-90
		EP-A- 0407561	16-01-91
		US-A- 5164839	17-11-92

EP-A-0082077	22-06-83	FR-A- 2518345	17-06-83
		JP-A- 58116823	12-07-83
		US-A- 4499568	12-02-85

DE-A-3820835	12-01-89	NONE	

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FR 95/01336

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 G07F17/30 G11B27/00

871-34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 6 G07F G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US,A,4 949 187 (J.M. COHEN) 14 August 1990 see the whole document ---	1,5
A	FR,A,2 602 352 (B. KEMPF) 5 February 1988 see the whole document ---	1-3
A,P	EP,A,0 631 283 (BROTHER KOGYO) 28 December 1994 see column 6, line 46 - column 8, line 5; figure 2 ---	1
A	US,A,4 920 432 (D.C. EGGERS) 24 April 1990 ---	
A	DE,A,38 20 835 (U. BLUM-BURKHARDT) 12 January 1989 -----	

☐ Further documents are listed in the continuation of box C.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

15 February 1996

Date of mailing of the international search report

26.02 96

Name and mailing address of the ISA

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Tel. (+ 31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+ 31-70) 340-3016

Authorized officer

David, J

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/FR 95/01336

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US-A-4949187	14-08-90	NONE	
FR-A-2602352	05-02-88	NONE	
EP-A-0631283	28-12-94	JP-A- 7013576	17-01-95
		JP-A- 7212696	11-08-95
		JP-A- 7219566	18-08-95
		EP-A- 0665550	02-08-95
US-A-4920432	24-04-90	NONE	
DE-A-3820835	12-01-89	NONE	

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FR 95/01337

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 G07F17/30 G11B27/00

871-35

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 G07F G11B H04H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO,A,93 18465 (ARACHNID) 16 September 1993 see the whole document	1,3,8
A	EP,A,0 283 350 (ETAT FRANCAIS) 21 September 1988	
A	WO,A,94 03894 (E-SYSTEMS) 17 February 1994	

☐ Further documents are listed in the continuation of box C.

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

16 February 1996

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Tel. (+ 31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+ 31-70) 340-3016

Authorized officer

David, J

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/FR 95/01337

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO-A-9318465	16-09-93	US-A- 5355302 CA-A- 2131375 EP-A- 0630501 JP-T- 7504517	11-10-94 16-09-93 28-12-94 18-05-95
EP-A-0283350	21-09-88	FR-A- 2611942 DE-A- 3877389 JP-A- 63296543 US-A- 4956768	09-09-88 25-02-93 02-12-88 11-09-90
WO-A-9403894	17-02-94	AU-B- 4801893	03-03-94

INTERNATIONAL SEARCH REPORT

Internat'l Application No
PCT/FR 94/01185

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 G07F17/30

871-30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 6 G07F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	WO,A,93 18465 (ARACHNID) 16 September 1993 see the whole document ---	1,2 4-6
A	GB,A,2 122 799 (V I LEISURE) 18 January 1984 see abstract ---	1,3
A	WO,A,91 20082 (ARACHNID) 26 December 1991 ---	
A	GB,A,2 193 420 (PETYARD) 3 February 1988 -----	

☐ Further documents are listed in the continuation of box C.

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Date of the actual completion of the international search

26 June 1995

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